

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works

DEPARTMENT

G.O. No.	<i>4639</i>	Press	<i>Original</i>
B.P. No.		Mis.	
Dated	<i>24 - 2 - 1874</i>		
			<i>-195-</i>

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
24th February 1874.*

No. 479. Read the following endorsement of the Chief Engineer for Irrigation, dated Fort St. George, 23rd December 1873, No. 58:—
From J. H. LATHAM, Esq., Chief Engineer and Manager of the Madras Irrigation and Canal Company, to Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation and Joint Secretary to Government, Public Works Department, dated Kurnool, 17th December 1873, No. 183.

I HAVE the honour to hand you herewith my Monthly Report for November 1873, together with those of the Upper and Lower Sections.

REPORT FOR THE MONTH OF NOVEMBER 1873.

THE rainfall of this month was light, and no injury of any kind occurred to interfere with the continued supply of water to all the irrigated lands under the canal channels. The paddy in nearly all cases gives promise of a remarkably good and full crop, though in some fields which have been brought under wet cultivation for the first time this year, blight has appeared during this month, but hopes are yet entertained that these crops will recover. Floodings for raggy, cummin seed, and chillies are now commencing; but those for indigo have not yet begun. The dry crops throughout these sections are below the average; and much fear is entertained for even the best crops of cholam, as blight in the ears and leaves is becoming very general. On the low-lying lands the cholam, cotton, and gram are complete failures.

Irrigation.

I have to report no important additions during the month to our area under wet cultivation for first crops of paddy, and the chances for second crop are still very uncertain. Two causes combine to make the ryots generally afraid to prepare their lands for second crops: first, the uncertainty whether the water in our canal will last until the end of April; and, secondly, the difficulty of procuring sufficient manure at this time of the year; but Mr. Bradbury reports that about 50 acres of second crop are now being prepared in his range, and I hope the example may induce many others to follow; and if we are able to supply these crops, until their maturity, with an abundance of water, there is no doubt that next season second crops will be extensively cultivated.

The rainfall at Ayaloor during November was only 0.41 inches and at Dhoor 1.10 inches, and the rainy season may be considered as now over; the total fall at this station during the wet months was 26.84 inches, being 19.55 inches less than the total of 1872.

DHOOR,
12th December 1873.

(Signed) A. J. DODSON,
Conservancy Engineer.

Chief Engineer's report to accompany the divisional reports for November 1873.
The following table shows the returns of irrigation up to date:—

Taluk.	ORDINARY 1ST CROP.		DIFFERENCE.		
	1873-74.	1872-73.	Increase.	Decrease.	
	ACRES.	ACRES.	ACRES.	ACRES.	
Ramalakota ...	887.58	1,214.66	...	327.08	
Nandikotakur ...	2,596.62	2,002.97	593.65	...	
Nundial ...	287.73	311.91	...	24.18	
Sirwel ...	1,156.51	737.85	418.66	...	
Koilkuntla ...	290.02	199.54	90.48	...	
Prodatur ...	1,033.96	542.60	491.36	...	
Cuddapah ...	1,571.53	1,585.18	...	13.65	
Jamalamadugu ...	12.42	...	12.42	...	
Total...	7,836.37	6,594.71	1,606.57	364.91	Net increase 1,241.66

In this table remissions (of which there were Rupees 612-0-4 in Nundial Taluk alone) are not deducted from the returns of 1872-73. The result shows an increase of 50 per cent. average in five taluks; but, as I already pointed out, a decrease in every taluk in which there is a Catcherry of a Collector or Deputy Collector.

*Proceedings of the Madras Government, Public Works Department,
24th February 1874.*

The total irrigation, including floodings but excluding tanks filled by the canal, such as Nundial tank, Canalla tank and a supply to part of Bayup Gudur tank cultivation, is shown in the following table:—

Table of direct irrigation of all kinds.

Division.	FIRST CROP IRRIGATION.		DIFFERENCE.	
	1873 74.	1872-73.	Increase.	Decrease.
	ACRES.	ACRES.	ACRES.	
Upper	3,878-65	3,629-00	249-65	
Lower	5,645-70	4,835-98	809-72	
Total...	9,524-35	8,464-98	1,059-37	

Great credit is due to Mr. Dodson for the success with which he has opened up Prodatur, and to Mr. Bradbury for his success in Sirwel.

KURNOOL,
12th December 1873.

(Signed) J. H. LATHAM,
Chief Engineer.

Rainfall Register in Inches for the Month of November 1873.

Date.	Soonkasala.	Kurnool.	Jupaud.	Velapanoor.	Iyaloor.	Dhoor.
	INCHES.	INCHES.	INCHES.	INCHES.	INCHES.	INCHES.
1st ...	...	...	...	...	0 06	...
2nd ...	...	...	...	...	...	...
3rd ...	...	...	...	...	...	...
4th ...	...	...	...	...	...	...
5th ...	0-10	0-27	0 02	0-20	0 35	0-75
6th ...	...	...	...	...	...	...
7th ...	...	...	...	...	...	...
8th ...	...	...	...	...	...	0-14
9th ...	...	...	0-11	0 50	...	...
10th ...	...	...	...	...	...	...
11th ...	...	...	...	...	...	...
12th ...	...	...	...	...	...	...
13th ...	...	...	...	...	...	...
14th ...	...	...	...	...	...	...
15th ...	...	...	...	...	...	...
16th ...	...	...	...	...	...	...
17th ...	...	...	...	...	...	...
18th ...	...	...	...	...	...	...
19th ...	...	...	...	...	...	...
20th ...	...	...	...	...	...	...
21st ...	...	...	...	...	...	...
22nd ...	...	...	...	...	...	...
23rd ...	...	...	...	...	...	...
24th ...	...	...	...	...	...	...
25th ...	...	...	...	...	...	...
26th ...	...	...	...	...	...	...
27th ...	...	0-03	...	...	...	...
28th ...	0-20	0-15	...	...	...	0-21
29th ...	...	...	...	...	...	...
30th ...	...	...	...	...	...	...
Total...	0-30	0-45	0-13	0-70	0-41	1-10

KURNOOL,
12th December 1873.

Chief Engineer and Manager.

*Proceedings of the Madras Government, Public Works Department,
24th February 1874.*

Monthly Report of the Upper Division for November 1873.

The thorough examination of the canal and the preparation of estimates has occupied all the available time of the higher grades of the staff. These estimates are now ready and will probably be submitted tomorrow for the sanction of Government.

The rainfall has been about the average of this month, viz., 0-45 inches. Most of the dry crops have been cut, but enough remain to have taken a sensible amount of flooding, which has been supplied, and this has fully occupied the field staff since the completion of the estimates.

The supply of water has been steadily maintained, and the rice crops have been very good. The land is improved by irrigation so much that the improvement cannot but induce and enable the ryots to spend more money in its cultivation. Hitherto, so far from husbanding manure, villagers have in several cases, as at Bandyatkoor, sold off the valuable manure they have to villages at some distance.

The Toombuddra has been so low as to indicate decided hazard in the rearing of second crops. As this is the first year of unrestricted supply, a considerable failure of second crops would be very discouraging and detrimental to Company's interests. Had proper means been taken to sow seed betters early in November to be planted out as the first crop was cut, then the second crop would have been secure. That I recommended (without effect) in a circular letter to all villages having considerable irrigation. I hope that this recommendation will produce an effect next year; but meantime I dare not urge a trial of a second crop such as cannot mature before April. The present experience is that irrigation is secure, unanxious, and profitable, and that dry crops are uncertain, a continual cause of anxiety, and of poor yield, except in years of very regular and suitable rainfall. This must have a very telling effect on the numerous villages through which for the first time the canal water has been kept running during the past season.

The cold mornings of November have, as usual, caused a good deal of fever, or influenza, amongst the Natives, but I think none of a severe kind.

The following is the extent of irrigation up to date:—

Ordinary first crop	...	...	...	...	...	3,567-67 acres.
Flooding	...	...	...	...	...	310-98 ..
Total...	...	...	...	...	...	3,878-65

KURNOOL,
12th December 1873.

(Signed) J. H. LATHAM,
For Conservancy Engineer.

SUBMITTED for the information of Government.

(Signed) J. MULLINS, Lieut.-Colonel, R.E.,
Chief Engineer for Irrigation.

No. 480. ORDER THEREON, 24th February 1874, No. 463.

IRRIGATION, No. 32.

His Excellency the Governor in Council desires to be informed more particularly what is meant by the Chief Engineer and Manager, Madras Irrigation and Canal Company, in his remark that, while a considerable general increase of cultivation under the canal has taken place, a decrease has occurred in every taluq in which there is a Cutcherry of a Collector or Deputy Collector.

Proceedings of the Madras Government, Public Works Department,
21th February 1874.

2. The Government consider it necessary that the attention of the Local Revenue Officers should be called, through the Revenue Department, to the sanitary condition of those parts of the Kurnool and Cuddapah Districts which are under irrigation from, or affected by, the canal, in order that timely measures may be taken for preventing the stagnation of water and for providing efficient drainage where necessary.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the Chief Engineer for Irrigation.
" District Engineer, Kurnool.
" " Cuddapah.
" Revenue Department.
" Manager of the Madras Irrigation and Canal Company.

For P. C. Secretary.
State Copies

Submitted for the information of Government
J. S. F.
Colonel, R.E.
Chief Engineer for Irrigation
29th Dec 1873

Madras, Irrigation Canal Co
Chief Eng. & Manager's Office
Kurnool 17th December 1873

No. 183

From

The Chief Engineer
& Manager

To

The Chief Engineer
for Irrigation & Joint Secy to Govt.
Fort St. George

Sir

I have the honor to send you herewith my
Monthly Report for November 1873, together with
those of the Upper & Lower Sections

I have the honor to be.

Sir

Your most Obedt. Servant

John W. Latham

Chief Engineer & Manager

[Signature]

Chief Accountant
& General Storekeeper.

[Signature]

P. M. D.
1873

1873 Chs. No. 454
Rep.

From
The Chief Engineer and
Manager
M. J. & C. Co.

To,
The Chief Engineer
for Irrigation
res res res

Enc. 3.

Dated 17th Dec 1873.
Rec^d. 23rd —

Forward Monthly
Report for Nov 1873 -
with an endorsement
of the same

With an order

Order to be recorded

1873
1873
1873

1873
1873
1873

File 12/12
 of Mr M. Latham
 as per remark in
 Col. 42 - ?

Right up the same
 way considering
 the irregularities
 to be urged on the
 attention of local
 officers? *AD*
 4/6

No 479

6th 20 Aug 174
 6th 8 Aug 174 Note 20 Aug 174

P. W. 1843 Report
 of the Chief Engineer
 for Irrigation
 No 58 of 23rd Dec 73

The Chief Engineer
 for Irrigation

Dated 23rd } December 73
 Recd 23rd }
 Encl 3. No 58.

Submitting
 the Report on
 the Madras
 Irrigation &
 Canal Company's
 Canal for the
 month of Nov^r
 1873 -

No 463-24th Feb 74
 Witham & Co

P. W. D.
 No 463
 Pro. of the Madras Govt.
 Read the following
 From the Chief Engineer for
 Irrigation } H. E. No 58 of 23rd Dec 73

His Excellency
 the Governor in Council
 desires to be informed more
 particularly what is meant
 by the Chief Engineer
 and Manager Madras
 Irrigation and Canal
 Company in his remarks
 that, while a considerable
 general increase of culti-
 vation under the Canal
 has taken place, a
 decrease

W. L.
 24/1

L. D.

decrease has occurred in
every Taluq in which there
is a Sub-charge of a Collector
or Deputy Collector.

2 The Government
consider it necessary that
the attention of the local
Revenue Officers should be
called through the Revenue
Department to the sanitary
condition of those parts of
the Tumkur and Channarayana
Districts which are under
irrigation from, or affected
by, the Canal, in order that
timely measures may be
taken for preventing
the stagnation of water
and for providing efficient
drainage.

76
drainage where necessary

by 14/1/74
L.M.W.

5 Chf. Engr. for Irrigation with three sub:
5 Dist. Engr. Tumkur
5 " Channarayana
21 Rev. Department
4 Managers L.C. Co.

80
Recd. with L.C. 26/7/74
C.

Cost. of 187-1 34.00

PUBLIC WORKS.


 Hickory Eggs for
 Immigration

Page 1

4070

Engl.

G. O. 24 Feb'y 463.

4798480

M. J. Postanal. Paper
Notes on the part in the
Postanal for Nov 73.

Cincinnati